



Date: _____ Fixture: _____
QTY: _____ Project: _____

Zip Cloud

Suspended Direct-Indirect

Contemporary design. Powder coated aluminum extrusion. Seamless body. Suspended and flush mount options. Direct-Indirect distribution. 200,000 hr+ 70 w/Samsung LEDs. cULus Listed. Designed and manufactured in North America. 10 Year Warranty.

Ordering Options

MODEL	SIZE	WATTS: DIRECT-INDIRECT	COLOR TEMP	VOLTAGE	DISTRIBUTION	FINISH	MOUNTING
Zip Cloud	18	40 / 30	3K 3000K	U 120/277V	DIRECT-INDIRECT	WH White *CU Custom	AC Aircraft Cable
	24	40 / 20	35K 3500K	H 347/480V			
	36	60 / 20	4K 4000K				
	44	60 / 20	5K 5000K				
		60 / 40					
		80 / 40					

ZIP CLOUD					DIRECT-INDIRECT		AC
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WIRING	ACCESSORIES	CANOPY FINISH
BFC 3 WIRE Black 3 Conductor Wire ___ BFC 5 WIRE Black 5 Conductor Wire ___ WFC 3 WIRE White 3 Conductor Wire ___ WFC 5 WIRE White 5 Conductor Wire ___ *GFC Grey Flexible Cord N No Cord	10D 0-10V Dimming DIMOFF 0-10 1% Dim to off Driver	WH White *CU Custom

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SAMPLE: ZIPCLOUD - 18 - 40/30 - 4K - U - DIRECT-INDIRECT - WH - AC - BFC 3 WIRE - 10D - WH

CU - Please consult factory

GFC - Please consult factory

Specifications subject to change without notice.

Product Details

Specifications

Efficacy: 120 Lm/W

CRI: 80+

Color Temperature: 3000K, 3500K, 4000K, 5000K

Lumen Maintenance: 200,000+ Life Hours (L70)

Voltage: 120/277V | 347/480V

Operating Temperature: -20°C to +40°C

Controls

0-10V Dimming, NEDAP

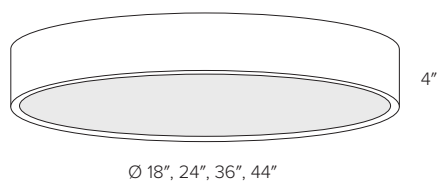
Mounting

Aircraft Cable

Performance

Model	Watts: Direct / Indirect	Delivered Lumens
18	40 / 30	4,800 / 3,600
24	40 / 20	4,800 / 2,400
36	60 / 20	7,200 / 2,400
44	60 / 20	7,200 / 2,400
	60 / 40	7,200 / 4,800
	80 / 40	9,600 / 4,800

Dimensions



Installation Instructions

NOTE:

Follow the Electrical Codes of the Country where this fixture will be installed. For Canada follow the Canadian Electrical Code (CE) and for the United States follow the National Electrical Code (NEC). Failure to follow these instructions could result in electric shock or damage property. All wiring should also be performed by a qualified electrician.

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Steps

1.
Disconnect the electrical power on the electrical panel prior to installing the zip cloud fixture.
2.
Remove the existing light fixture (if existing). The only thing left on the ceiling should be the junction box with existing AC wire conductors and ground wire (Fig. 1).
3.
Screw the supplied junction box crossbar assembly to the junction box on site as shown (Fig. 2).

Fig. 1

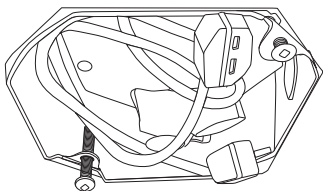
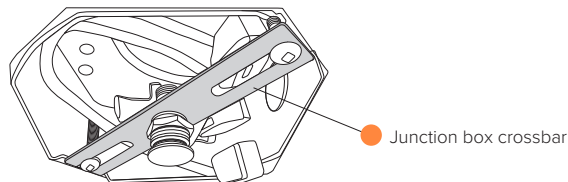


Fig. 2



4.
Remove the canopy plate from the hardware bag (Fig. 3). Turn the canopy plate over and feed the galvanized cables through the hole on the knurled head bolt (Fig. 4 & 5).

Fig. 3

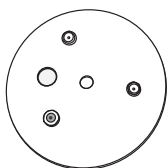


Fig. 4

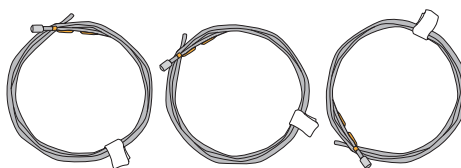
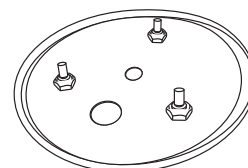


Fig. 5



5.
Align the Zip Cloud in such a manner that the galvanized aircraft cables “go outwards” nicely and don’t cross one another.

6.

Feed each cable through the appropriate side exit cable gripper (Fig. 6 & 7). The Zip Cloud should be parallel to the floor (ie: should not be slanted to one side).

Fig. 6

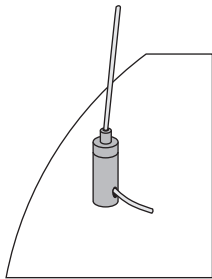
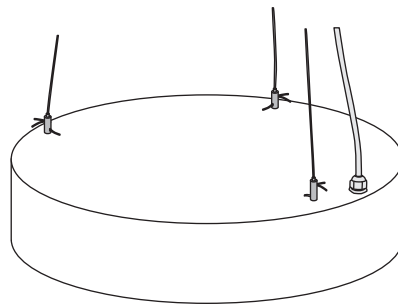


Fig. 7



7.

Pull the existing 18-3 AWG wire from the top of the Zip Cloud fixture through the white strain relief and into the canopy plate box. Leave the appropriate amount of wire to feed into the junction box. Connect the appropriate wires using wire nuts (black to black, white to white and green to ground wire). Ensure the ground wire is also grounded to the junction box using a ground screw

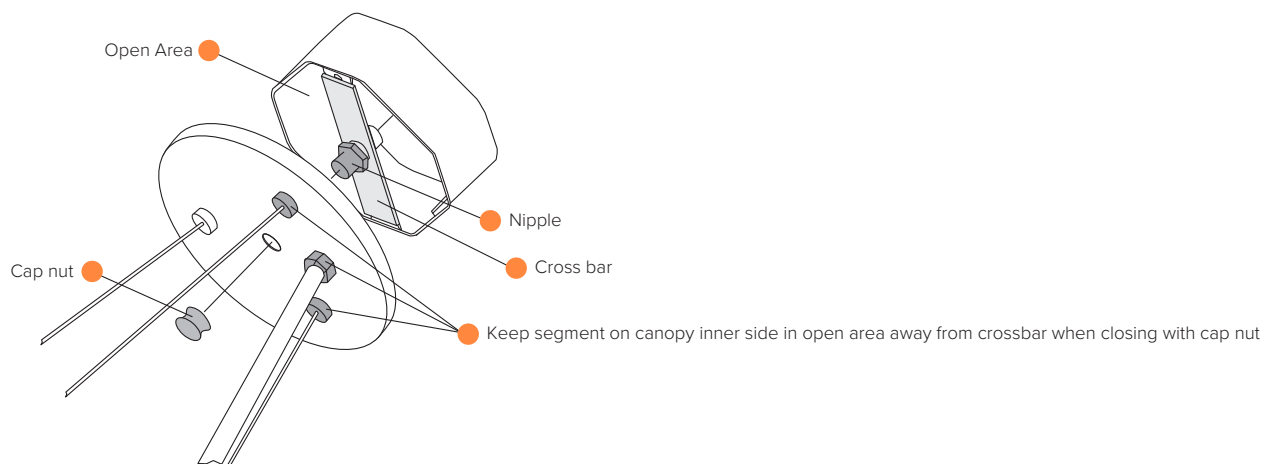
8.

Check all connections for open loops and replace loose/damaged wires.

9.

Remove the cap nut from the crossbar assembly and insert the white canopy assembly with Zip Cloud fixture attached through the nipple. When closing the canopy ensure that the heads on the cables do not interfere with the crossbar. The canopy lip should be flush with the ceiling and at least 4 to 5 threads on the nipple should be used to fasten the cap nut back on (Fig. 8).

Fig. 8



10.

Turn the electrical power on from the electrical panel to make sure the light turns on.

11.

Once it is verified that the Zip Cloud fixture turns on properly turn the electrical power off.

12.

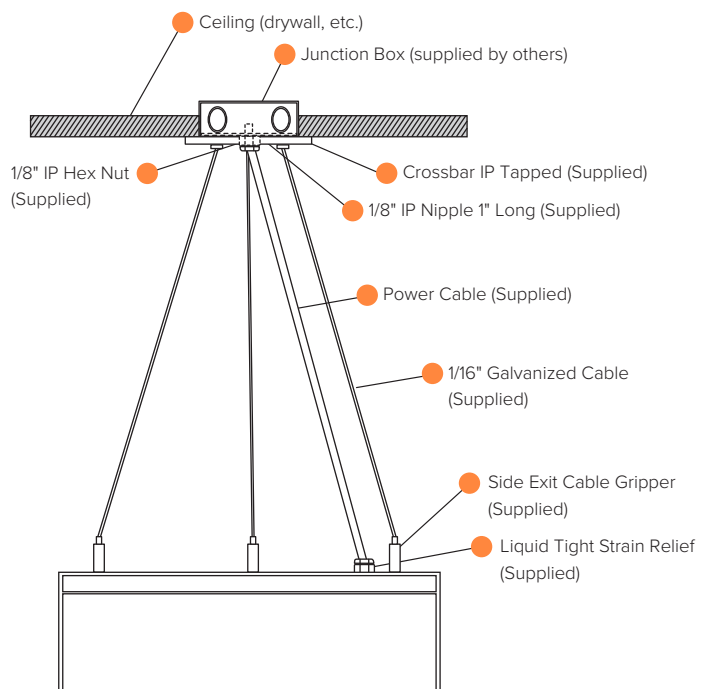
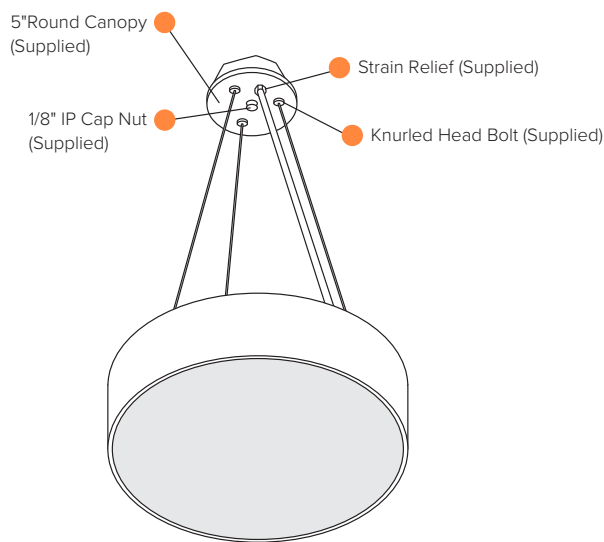
Measure the distance required from the canopy to the top of the zip light. Adjust the galvanized aircraft cables by pushing the top bottom on the side exit cable gripper. If needed the installer can also reduce the length of the power cable by following steps 7-9 again.

13.

Turn on the electrical power when dimensions are finalized again. Check for loose cables and wire connectors.

14.

For large installations the installer may have to use the first fixture as a template and then perform the same action on the remaining fixtures should as adjustments and power cable trimming. The above instructions are a general guide.



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Steps

- 1.**
Disconnect the electrical power on the electrical panel prior to installing the zip cloud fixture.
- 2.**
Remove the existing light fixture (if existing). The only thing left on the ceiling should be the junction box with existing AC wire conductors and ground wire (Fig. 1)
- 3.**
Screw the supplied junction box crossbar assembly to the junction box on site as shown (Fig. 2).

Fig. 1

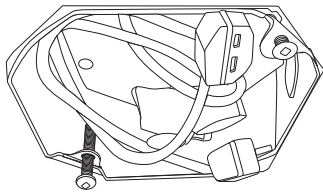
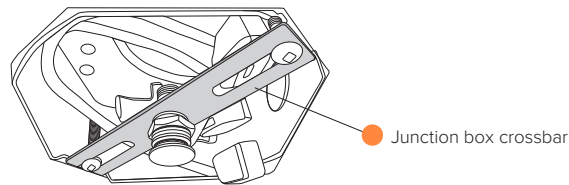


Fig. 2



- 4.**
Unwrap the supplied aircraft cables (5 pcs - Fig. 3) and feed each cable through the ceiling support brackets (Fig. 4) with the fused end of the cable on the inside of the support bracket.

Fig. 3

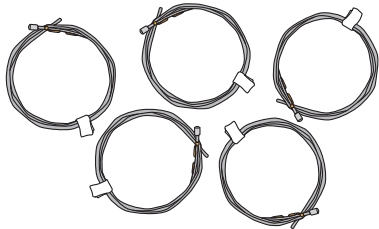
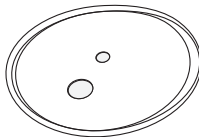


Fig. 4



5.

Feed each cable through the appropriate side exit cable gripper (Fig. 5 & 6). The Zip Cloud should be parallel to the floor (ie: should not be slanted to one side). There should be 5 aircraft cables connected to 5 side exit cable grippers (Fig. 7).

6.

Place the Zip Cloud fixture on a flat surface and vertically align each ceiling support bracket to each side exit cable gripper. Fasten the ceiling support brackets in place using the appropriate hardware. Should look like Fig. 7).

Fig. 5

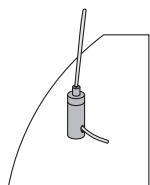


Fig. 6

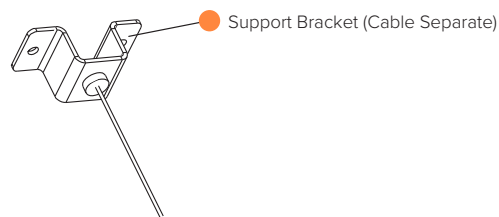
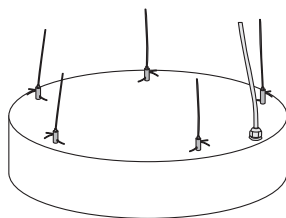
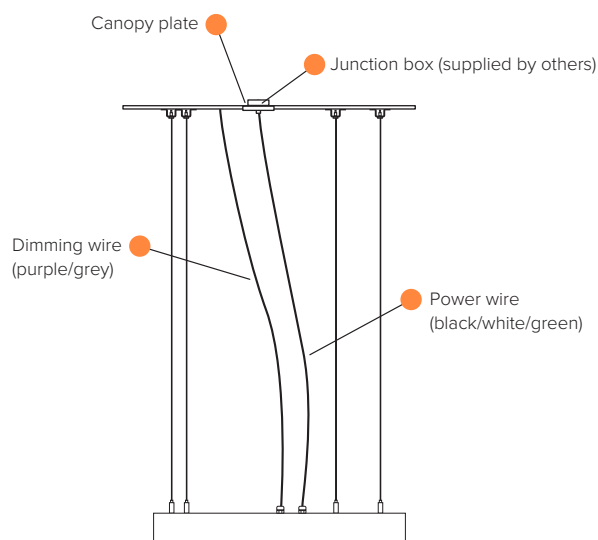
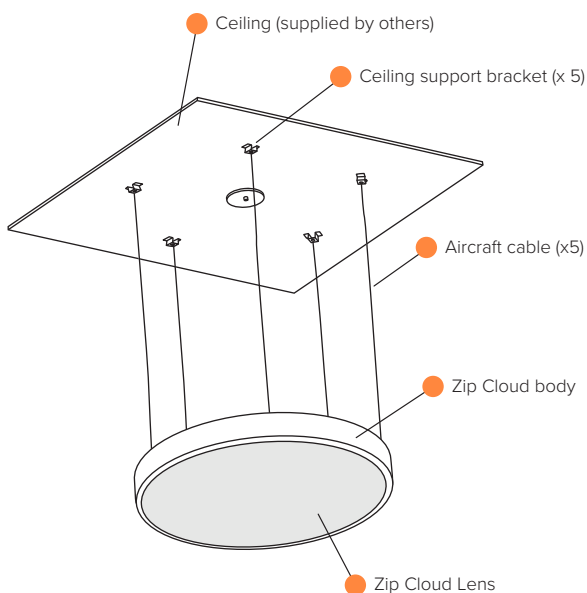
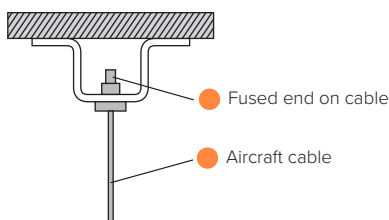
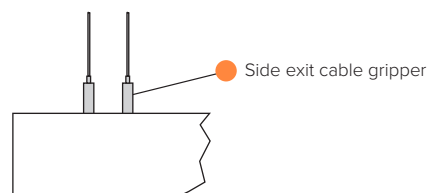


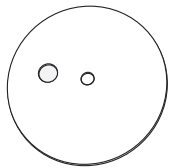
Fig. 7



7.

Pull the existing 18-3 AWG wire from the top of the Zip Cloud fixture through the white strain relief and into the canopy plate box (Fig. 8). Leave the appropriate amount of wire to feed into the junction box. Connect the appropriate wires using wire nuts (black to black, white to white and green to ground wire). Ensure the ground wire is also grounded to the junction box using a ground screw. At the same time do the connection for the dimming if required by pulling the cord to the existing dimming control wires. The purple dimming wire is for +ve dimming and grey wire for -ve dimming.

Fig. 8



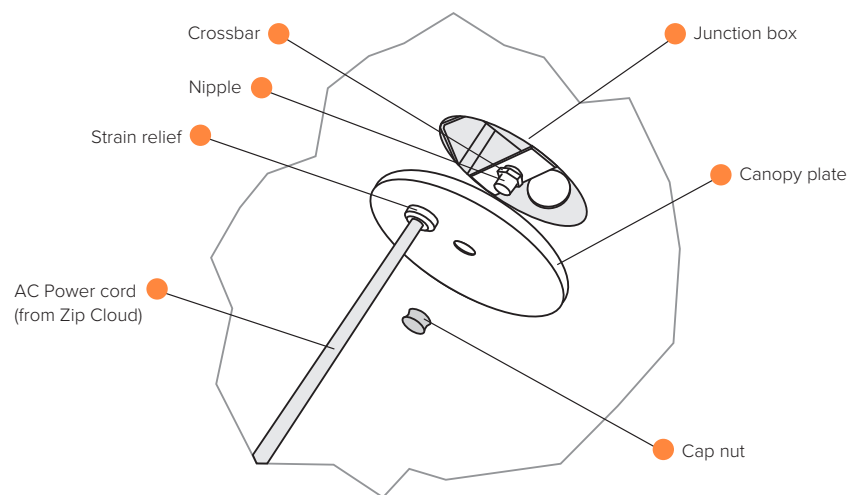
8.

Check all connections for open loops and replace loose/damaged wires.

9.

Remove the cap nut from the crossbar assembly and insert the white canopy assembly with Zip Cloud fixture attached through the nipple. The canopy lip should be flush with the ceiling and at least 4 to 5 thread on the nipple should be used to fasten the cap nut back on (Fig. 9)

Fig. 9



10.

Turn on the electrical power on from the electrical panel to make sure the light turns on.

11.

Once it is verified that the Zip Cloud fixture turns on properly turn the electrical power off.

12.

Measure the distance required from the canopy to the top of the Zip Cloud fixture. Adjust the galvanized aircraft cables by pushing the top bottom on the side exit cable gripper. The installer should also reduce the length of the power cable and dimming cable if required by disconnecting power, trimming and stripping appropriate length of wire for connectors.